

How does SCRUM comply Agile manifesto values?

Agile manifesto for software development defines a set of preferences in the software development process so that we can make use of better ways for developing software. SCRUM offers a framework that implements all this preferences through its tools, methodologies and definitions. For example, Agile manifesto prioritizes individuals and interactions over processes and tools. This is achieved by SCRUM through meetings like daily SCRUM or Sprint review, where team members review what has been done and try to solve any possible problem that occurred during the development process.

Another statement of the agile manifesto is the importance of working software over exhaustive documentation. SCRUM deals with this by defining sprints, "short" periods of time proportional to the duration of the project. At the end of each sprint some deliverables must be presented. This way of working is very scalable and less time-consuming in terms of documentation.

Agile methodologies emphasize customer collaboration over contract negotiation. By doing this the final product is closer to what the customer originally expected. SCRUM methodology implements this through the role of the "Product owner (PO)". PO responsibility is to have a vision of the final product and convey it to the scrum team via the product backlog, a prioritized features list for the product. Interaction between PO and scrum team is very important to verify everything is going in the good direction.

Finally, last statement of the Agile manifesto is to be flexible rather than following a strict plan. SCRUM is thought to be resilient, through daily meetings and sprint revisions SCRUM Master is able to redefine the strategy and try to fix any possible problem.

Not all roles, artefacts and methodologies of SCRUM were mentioned but those are the most important ones when facing the challenges that Agile manifesto states to achieve better software development.